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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Ulrich PFEIFFER et al 4
SERIAL NO: 10/540,077 CONF. #: 2638
PCT #: PCT/EP03/51079 PCT FILED: Dec. 19, 2003
TITLE: CATHETER

INFORMATION DISCLOSURE STATEMENT

MAIL STOP PCT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants are enclosing Form PTO-1449 disclosing the references cited in the German Patent Office and/or the International Search Report, copy enclosed.

US Patent No. 6 004 310, US Patent No. 2002/128568, US Patent No. 4 772 268 and US Patent No. 2002/077583 were cited in the International Search Report.

Reference DE 696 26 105 T2 is equivalent to WO 96/030073 and EP 0 819 014 B1; DE 197 38 942 A1 is equivalent to US Patent No. 6,200,301; and DE 37 50 718 T2 is equivalent to EP 0 260 711B1 and US Patent No. 4,777,951.

The following is a summary for DE 39 17 180, which was cited by the German Patent Office:

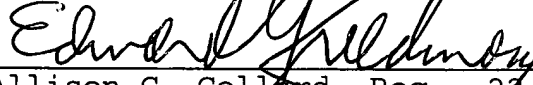
"DE 39 17 180 A1 describes a catheter system for hemodynamic examination, such as determination of cardiac output and cardiovascular pressure, under heart stimulation. The catheter system comprises central catheters (8, 9, 10) of small diameter for heart stimulation and hemodynamic measurements. The catheter system further comprises an outer envelope catheter (2) coupled to a insertion connector (1) having several input openings (3, 4, 5, 6) which allow insertion of the central catheters into the vascular system and injection of a cold bolus for the determination of cardiac output."

Since this Information Disclosure Statement is being filed prior to a first Office Action, it is believed that no fee is due. However, if it is determined that a fee is due, the Commissioner is hereby authorized to charge, or to credit any over payment, to our Deposit Account Number 03-2468.

It is respectfully requested that this Information Disclosure Statement be considered and placed into the

application file.

Respectfully submitted,
Ulrich PFEIFFER ET AL.



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Enclosures: PTO Form 1449
International Search Report
5 references

EXPRESS MAIL NO. EV 786 961 205 US
Date of Deposit: November 22, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above, and is addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Maria Guastella

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: PFEIFFER ET AL - 4 PCT		SERIAL NO. 10/540,077	
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT: Ulrich PFEIFFER ET AL.			
				FILING DATE:		GROUP:	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,004,310	12/1999	Bardsley et al			
	AB	2002/077583	6/2002	Clemens			
	AC	2002/128568	9/2002	Mooney et al			
	AD	4,772,268	9/1988	Bates			
	AE	4,777,951	10/1988	Cribier et al = EP 0260711 & DE 3750718			
	AF	6,200,301	3/2001	Pfeiffer et al. = DE 19738942			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AG	DE 19738942	3/1999	GERMANY = US 6200301 (encl)			
*	AH	DE 3750718	12/1989	GERMANY = US 4777951 & EP 0260711			
	AI	DE 3917180	12/1989	GERMANY (encl. w/English Abstract)			
*	AJ	DE 69626105	not available	GERMANY = EP 0819014 = WO 96030073			
*	AK	EP 0819014	10/1980	EUROPEAN (in English) = DE 69626105 = WO 96030073			
	AL	EP 0260711	3/1988	EUROPEAN (encl) (in English) = DE 3750718 & US 4777951			
	AM	EP 0266928	5/1988	EUROPEAN (encl) (in English)			
	AN	WO 96030073	3/1996	INTERNATIONAL (encl) = EP 0819014 = DE 69626105			
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AO		International Search Report in English.				
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							